

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Fri Nov 09 17:28:53 EST 2007

=====

Application No: 10522592 Version No: 1.0

**Input Set:**

**Output Set:**

**Started:** 2007-10-25 19:38:18.456  
**Finished:** 2007-10-25 19:38:20.584  
**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 128 ms  
**Total Warnings:** 38  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 38  
**Actual SeqID Count:** 38

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

**Input Set:**

**Output Set:**

**Started:** 2007-10-25 19:38:18.456  
**Finished:** 2007-10-25 19:38:20.584  
**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 128 ms  
**Total Warnings:** 38  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 38  
**Actual SeqID Count:** 38

Error code      Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> MADJAR, JEAN-JACQUES  
BERTHOMME, HERVE

<120> NOVEL METHOD FOR ANALYZING NUCLEIC ACID AND USE THEREOF  
FOR EVALUATING THE DEGREE OF mRNA EDITING OF THE  
SEROTONIN 5-HT2C RECEPTOR

<130> 03715.0145

<140> 10522592  
<141> 2007-10-25

<150> PCT/FR03/002339  
<151> 2003-07-24

<150> FR 02/09524  
<151> 2002-07-26

<160> 38

<170> PatentIn Ver. 3.3

<210> 1  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<400> 1  
caatacgtaa tcctatt

17

<210> 2  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<400> 2  
cantacgtaa tcctatt

17

<210> 3  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<400> 3  
caatncgtaa tcctatt

17

<210> 4  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<400> 4  
caatacgtan tcctatt

17

<210> 5  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 5  
caatacgtaa tcctntt

17

<210> 6  
<211> 17

<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<400> 6  
caatacgtta tcctatt

17

<210> 7  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<400> 7  
cantncgtaa tcctatt

17

<210> 8  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>

<221> modified\_base  
<222> (10)  
<223> inosine

<400> 8  
cantacgtan tcctatt

17

<210> 9  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 9  
cantacgtaa tcctntt

17

<210> 10  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<400> 10  
cantacgtta tcctatt

17

<210> 11

<211> 17  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<400> 11  
caatncgtan tcctatt

17

<210> 12  
<211> 17  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 12  
caatncgtaa tcctntt

17

<210> 13  
<211> 17  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<400> 13  
caatncgtta tcctatt

17

<210> 14  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 14  
caatacgtan tcctntt

17

<210> 15  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<400> 15  
caatacgtnn tcctatt

17

<210> 16  
<211> 17  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 16  
caatacgtna tcctntt

17

<210> 17  
<211> 17  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<400> 17  
cantncgtan tcctatt

17

<210> 18  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 18  
cantncgtaa tcctntt

17

<210> 19  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<400> 19  
cantncgtta tcctatt

17

<210> 20  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 20  
cantacgtan tcctntt

17

<210> 21  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<400> 21  
cantacgtnn tcctatt

17

<210> 22  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 22  
cantacgtta tcctntt

17

<210> 23  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 23  
caatncgtan tcctntt

17

<210> 24  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<400> 24  
caatncgtnn tccttatt

17

<210> 25  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 25

caatncgtna tcctntt

17

<210> 26  
<211> 17  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 26  
caatacgtnn tcctntt

17

<210> 27  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<220>

<221> modified\_base

<222> (15)

<223> inosine

<400> 27

cantncgtan tcctntt

17

<210> 28

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>

<221> modified\_base

<222> (3)

<223> inosine

<220>

<221> modified\_base

<222> (5)

<223> inosine

<220>

<221> modified\_base

<222> (9)

<223> inosine

<220>

<221> modified\_base

<222> (10)

<223> inosine

<400> 28

cantncgtnn tcctatt

17

<210> 29

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>

<221> modified\_base

<222> (3)

<223> inosine

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 29  
cantncgtta tcctntt

17

<210> 30  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 30  
cantacgttt tcctntt

17

<210> 31  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 31  
caatncgtnn tcctntt

17

<210> 32  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>

<221> modified\_base  
<222> (10)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 32  
cantncgtnn tcctntt

17

<210> 33  
<211> 13  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<400> 33  
auacguauac cua

13

<210> 34  
<211> 17  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> CDS  
<222> (3)..(17)

<400> 34  
ca aua cgu aau ccu auu  
Ile Arg Asn Pro Ile  
1 5

17

<210> 35  
<211> 17  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
oligonucleotide

<220>

<221> modified\_base  
<222> (3)  
<223> inosine

<220>  
<221> modified\_base  
<222> (5)  
<223> inosine

<220>  
<221> modified\_base  
<222> (9)  
<223> inosine

<220>  
<221> modified\_base  
<222> (10)  
<223> inosine

<220>  
<221> modified\_base  
<222> (15)  
<223> inosine

<400> 35  
canuncunn uccunuu

17

<210> 36  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
primer

<400> 36  
tgtcccttagc cattgctgat atgct

25

<210> 37  
<211> 26  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of the Artificial Sequence: Synthetic  
primer

<400> 37  
gcaatcttca tcatggcctt agtccg

26

<210> 38  
<211> 5  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 38

Ile Arg Asn Pro Ile

1 5